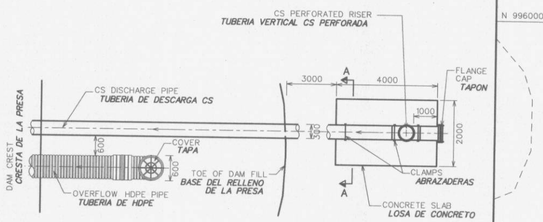
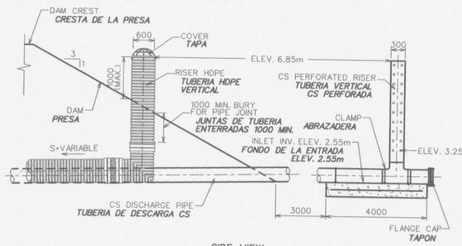
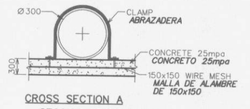


PLAN
PLANO



SIDE VIEW
VISTA LATERAL



CROSS SECTION A
SECCION TRANSVERSAL A

HOLES IN RISER PIPE
PERFORACIONES EN LA TUBERIA VERTICAL

ELEV. (m) *ELEV.*	DIAMETER (mm) *DIAMETRO*	No. HOLES PER ELEV. *No. DE PERFORACIONES POR ELEV.*
3.25	50	3
3.75	50	3
4.25	50	3
4.75	63	3
5.25	63	3
5.75	63	3
6.25	75	3
6.75	75	3

RISER AND DROP INLET STRUCTURE DETAIL
REFER TO DWG. 504832-0000-41D1-0023 (DETAIL 02)
NOT TO SCALE

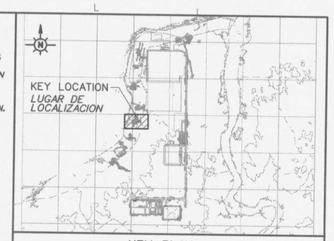
DETALLE ESTRUCTURA TUBERIA VERTICAL E INGRESO POR CAIDA
REFERIRSE AL DIBUJO 504832-0000-41D1-0023 (DETALLE 02)
SIN ESCALA

NOTES:
NOTAS:

1. ALL ELEVATIONS, COORDINATES AND DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
   TODAS LAS ELEVACIONES, COORDENADAS Y DIMENSIONES ESTAN EN METROS A MENOS QUE SE INDIQUE LO CONTRARIO.
2. THIS DRAWING ILLUSTRATE THE PLAN OF SEDIMENTATION POND.
   ESTE DIBUJO ILUSTRA EL PLANO DE LA POZA DE SEDIMENTACION.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANY TECHNICAL SPECIFICATIONS, DESIGNS REPORTS AND RELEVANT OTHER DOCUMENTS.
   ESTE DIBUJO ES PARA SER LEIDO JUNTO CON LAS ESPECIFICACIONES TECNICAS, INFORMES DE DISEÑO Y OTROS DOCUMENTOS PERTINENTES.
4. THE DAM FOUNDATION IS TO BE STRIPPED OF ORGANICS AND UNSUITABLES MATERIALS (VARIES THICKNESS). THE EXCAVATION LIMIT WILL VARY DEPENDING ON THE FIELD FOUNDATION CONDITIONS ENCOUNTERED.
   LA FUNDACION DE LA PRESA SERA LIMPIADA DE MATERIALES ORGANICOS Y NO ADECUADOS (ESPESOR VARIABLE). EL LIMITE DE EXCAVACION SERA VARIABLE DEPENDIENDO DE LAS CONDICIONES DE LA CIMENTACION ENCONTRADO.
5. ALL FILL MATERIALS ARE TO BE OBTAINED FROM AN APPROVED SOURCE. 25cm OF OVERBUILD TO BE ALLOWED FOR POST CONSTRUCTION SETTLEMENT.
   TODO MATERIAL DE RELLENO SERA OBTENIDO DE UNA FUENTE APROBADA. 25cm DE SOBRE DIMENSIONAMIENTO SERAN PERMITIDOS PARA ABSORVER ASENTAMIENTOS DESPUES DE LA CONSTRUCCION.
6. REFER TO TECHNICAL SPECIFICATIONS FOR MATERIAL AND PLACEMENT REQUIREMENTS OF VARIOUS FILL ZONES.
   DOCUMENTS 504832-2310-4GEF-001
   504832-2310-4GEF-002
   REFERIRSE A LAS ESPECIFICACIONES TECNICAS DE MATERIALES Y A LOS REQUERIMIENTOS DE UBICACION DE LAS DIFERENTES ZONAS DE RELLENO.
   DOCUMENTOS 504832-2310-4GEF-001
   504832-2310-4GEF-002
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG:
   504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024
   PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS: 504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024

CONSTRUCTION STRATEGY:
ESTRATEGIA DE CONSTRUCCION

1. CONSTRUCT COFFERDAM
   CONSTRUIR EL DIQUE
2. CONSTRUCT CONSTRUCTION DIVERSION CHANNEL IF APPLICABLE; OR IMPLEMENT OTHER DEWATERING MEASURES
   CONSTRUIR EL CANAL DE DESVIO DE CONSTRUCCION SI ES APLICABLE; O IMPLEMENTAR OTRAS MEDIDAS DE DESVIO DE AGUA
3. CONSTRUCT NORMAL OPERATING WATER LEVEL DISCHARGE PIPE
   CONSTRUIR LA TUBERIA DE DESCARGA DE NIVEL DE AGUA EN OPERACION NORMAL
4. INSTALL INLET STRUCTURE
   INSTALAR LA ESTRUCTURA DE ENTRADA
5. PLACE AND COMPACT ENGINEERING FILL IN THE DAM AND AROUND ALL PIPES AND SEEPAGE COLLARS
   COLOCAR Y COMPACTAR EL RELLENO TECNICO EN LA PRESA Y ALREDEDOR DE LAS TUBERIAS Y LOS COLLARES DE FILTRACION
6. FILL THE DIVERSION CHANNEL, IF APPLICABLE
   LLENAR EL CANAL DE DESVIO, SI ES APLICABLE
7. CONSTRUCT MAIN DAM AND SPILLWAY
   CONSTRUIR PRESA PRINCIPAL Y VERTEDERO
8. CLOSE THE LOWER INLET TO THE INLET STRUCTURE
   CERRAR LA PARTE BAJA HACIA LA ESTRUCTURA DE ENTRADA



KEY PLAN
PLANO CLAVE

ABBREVIATIONS:
ABREVIACIONES:

PSP	PORT SEDIMENTATION POND *POZA DE SEDIMENTACION DEL PUERTO*
HDPE	HIGH DENSITY POLYETHYLENE *POLIETILENO DE ALTA DENSIDAD*
CS	CARBON STEEL *ACERO AL CARBONO*

RELEASED FOR CONSTRUCTION

SCALE IN METRES
ESCALA EN METROS
0 5 10 15 10

	NAME	INT.	DATE
DESIGNED	K. HOJKA	KH	12/02/16
DRAWN	MP. JACINTO	MPJ	12/02/16
CHECKED	H. BABA		
APPROVED LEAD ENG.	W. PALMER		12/02/16
APPROVED ENG. MAN.			
APPROVED AREA MAN.			
APPROVED AREA LEAD.			
APPROVED ENG. MAN.			
SCALE 1:300			

NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.
04	12/09/26	RELEASED FOR CONSTRUCTION							
03	12/08/21	GENERAL REVISION- RELEASED FOR CLIENT REVIEW	WC	TF	TF	BM			
02	12/05/25	FORMAT SHEET REVISED	WC	WP	WP	BM	BM		
01	12/05/03	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			
00	12/04/19	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			

REPRESENTANTE LEGAL
LEGAL REPRESENTATIVE

DOCUMENTO DE INDENTIFICACIÓN:
IDENTIFICATION DOCUMENT:

TITULO
- PROYECTO MINA DE COBRE PANAMA
- *DESARROLLO DEL SITIO DE PUERTO*
- *PREPARACION DEL SITIO DE PUERTO*
- *POZA DE SEDIMETACION 6 - CONTRATO C-9012A*
- *PLANO*

Minera Panamá

CLIENT | CLIENT DWG. NO.

Joint Venture Panama Inc.

ESTE PLANO ES PROPIEDAD DE JOINT VENTURE PANAMA (JVP), SU USO ESTA RESTRINGIDO AL TRABAJO PARA EL CUAL FUE CONTRATADO (NAR 3). ESTE FUE PREPARADO PROHIBIDA SU REPRODUCCION A MENOS QUE SEA EXPRESAMENTE AUTORIZADO.
THIS DRAWING IS THE PROPERTY OF JOINT VENTURE PANAMA (JVP), AND THE USE AND COPYING THEREOF IS SUBJECT TO THE TERMS OF THE CONTRACT (NAR 3). THIS DRAWING WAS PREPARED FOR THE PURPOSES EXPRESSLY PROVIDED THEREIN AND THIS DRAWING MAY NOT BE COPIED EXCEPT AS EXPRESSLY PROVIDED THEREIN.

PROFESSIONAL ENGINEER | NAME | NO.

TITLE
MINA DE COBRE PANAMA PROJECT
PORT SITE DEVELOPMENT
PORT SITE PREPARATION
SEDIMENTATION POND 6 - CONTRACT C-9012A
PLAN

PROJECT NO.	AREA	DISC.	DOC.	DRAWING NUMBER	REVISION NUMBER
504832	6210	41	D1	0041	04

Format "A0" Sheet Size

DWG. NO.	REFERENCES
6210-41D1-0042	PORT SITE DEVELOPMENT - PORT SITE PREPARATION SEDIMENTATION POND 6 - SECTIONS

DWG. NO.	REFERENCES

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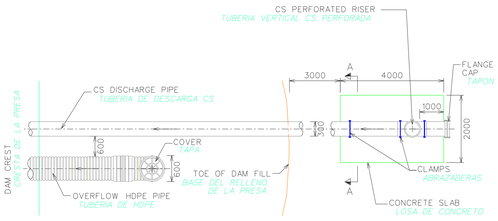
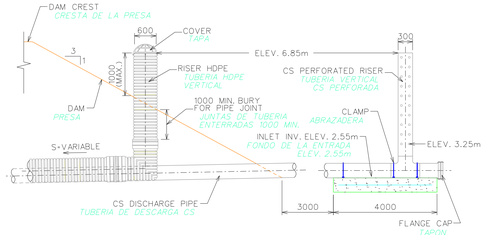
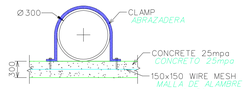


PLAN
PLANO



SIDE VIEW
VISTA LATERAL



CROSS SECTION A
SECCION TRANSVERSAL A

HOLES IN RISER PIPE
PERFORACIONES EN LA TUBERIA VERTICAL

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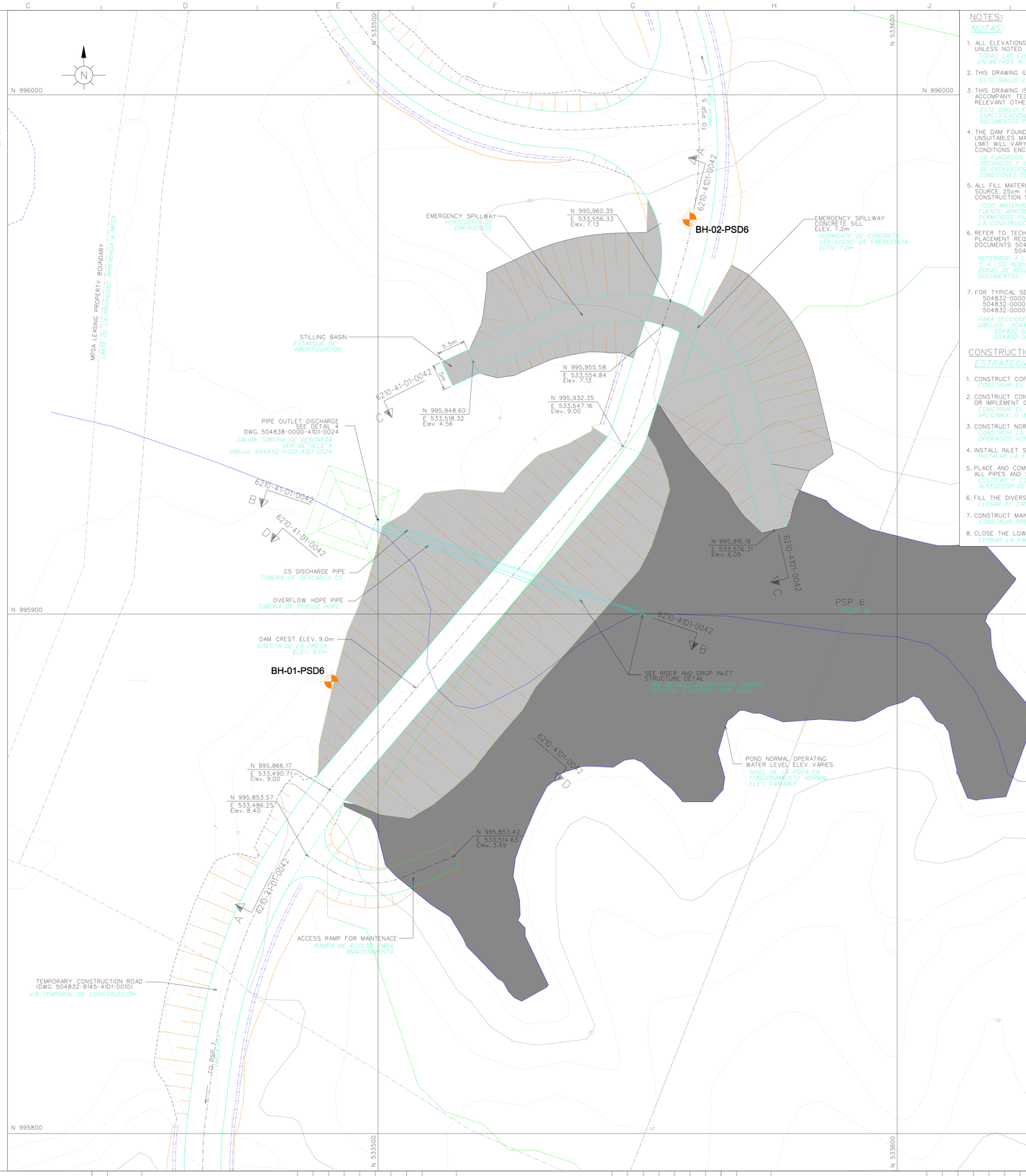
6.75	75	3

RISER AND DROP INLET STRUCTURE DETAIL
REFER TO DWG. 504832-0000-41D1-0023 (DETAIL 02)
NOT TO SCALE

DETALLE ESTRUCTURA TUBERIA VERTICAL E INGRESO POR CAIDA
REFERIRSE AL DIBUJO 504832-0000-41D1-0023 (DETALLE 02)
SIN ESCALA



NOTES:
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6. REFER TO TECHNICAL SPECIFICATIONS FOR MATERIAL AND PLACEMENT REQUIREMENTS OF VARIOUS FILL ZONES. DOCUMENTS 504832-2310-4GEF-001 504832-2310-4GEF-002
   REFERIRSE A LAS ESPECIFICACIONES TECNICAS DE MATERIALES Y A LOS REQUERIMIENTOS DE UBICACION DE LAS DIFERENTES ZONAS DE RELLENO. DOCUMENTOS 504832-2310-4GEF-001 504832-2310-4GEF-002
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG: 504832-0000-4101-0022 504832-0000-4101-0023 504832-0000-4101-0024
   PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS: 504832-0000-4101-0022 504832-0000-4101-0023 504832-0000-4101-0024

CONSTRUCTION STRATEGY:
ESTRATEGIA DE CONSTRUCCION

1. CONSTRUCT COFFERDAM
   CONSTRUIR EL DIQUE
2. CONSTRUCT CONSTRUCTION DIVERSION CHANNEL IF APPLICABLE; OR IMPLEMENT OTHER DEWATERING MEASURES
   CONSTRUIR EL CANAL DE DESVIO DE CONSTRUCCION SI ES APLICABLE; O IMPLEMENTAR OTRAS MEDIDAS DE DESVIO DE AGUA
3. CONSTRUCT NORMAL OPERATING WATER LEVEL DISCHARGE PIPE
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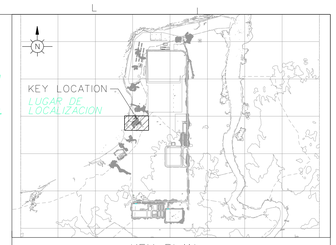
4. INSTALL INLET STRUCTURE
   INSTALAR LA ESTRUCTURA DE ENTRADA
5. PLACE AND COMPACT ENGINEERING FILL IN THE DAM AND AROUND ALL PIPES AND SEEPAGE COLLARS
   COLOCAR Y COMPACTAR EL RELLENO TECNICO EN LA PRESA Y ALREDEDOR DE LAS TUBERIAS Y LOS COLLARES DE FILTRACION
6. FILL THE DIVERSION CHANNEL, IF APPLICABLE
   LLENAR EL CANAL DE DESVIO, SI ES APLICABLE
7. CONSTRUCT MAIN DAM AND SPILLWAY
   CONSTRUIR PRESA PRINCIPAL Y VERTEDERO
8. CLOSE THE LOWER INLET TO THE INLET STRUCTURE
   CERRAR LA PARTE BAJA HACIA LA ESTRUCTURA DE ENTRADA



KEY PLAN
PLANO CLAVE

ABBREVIATIONS:
ABREVIACIONES:

PSP	PORT SEDIMENTATION POND *POZA DE SEDIMENTACION DEL PUERTO*
HDPE	HIGH DENSITY POLYETHYLENE *POLIETILENO DE ALTA DENSIDAD*
CS	CARBON STEEL *ACERO AL CARBONO*

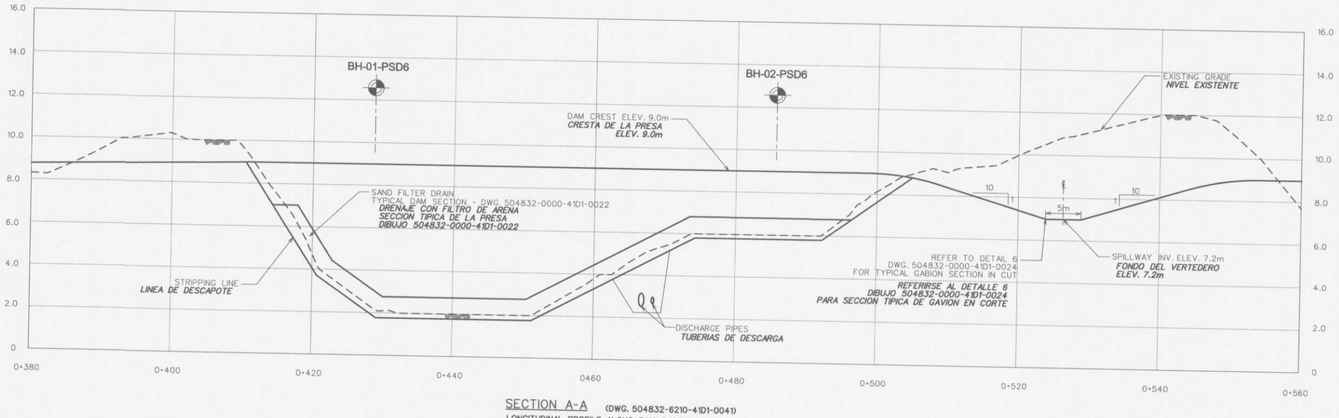
RELEASED FOR CONSTRUCTION

REPRESENTANTE LEGAL
LEGAL REPRESENTATIVE

DOCUMENTO DE INDENTIFICACIÓN:
IDENTIFICATION DOCUMENT:

SCALE IN METRES
ESCALA EN METROS
10 0 5 10 15

| | | |



SECTION A-A (DWG. 504832-6210-41D1-0041)
LONGITUDINAL PROFILE ALONG DAM 6 CENTER LINE
SCALE 1:300 HOR.
1:100 VERT.

SECCION A-A
PERFIL LONGITUDINAL A LO LARGO DE LA LINEA CENTRAL DE LA PRESA 6
ESCALA 1:300 HOR.
1:100 VERT.

PSP 6 SPILLWAY DIMENSIONS*
DIMENSIONES VERTEDERO PSP 6

SPILLWAY HEIGHT (D3)(m) *ALTURA VERTEDERO*	SLOPE(m) *PENDIENTE*	GABION HEIGHT (b3)(m) *ALTURA GAVION*	WIDTH(B3)(m) *ANCHO*
6.5	VARIES	0.5	7.0

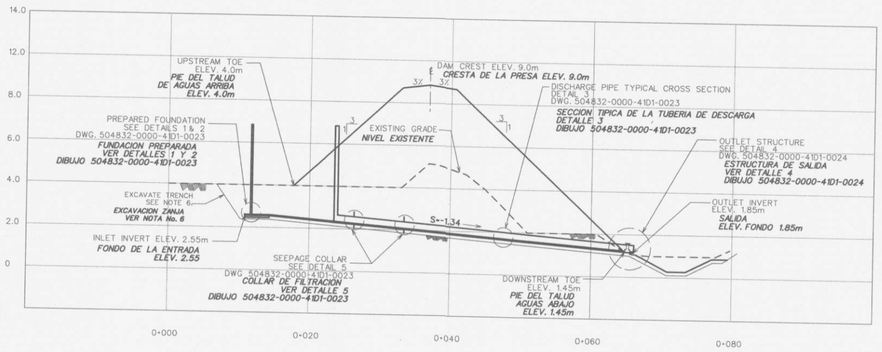
PSP 6 STILLING BASIN DIMENSIONS*
DIMENSIONES ESTANQUE DE AMORTIGUACION PSP 6

LENGTH (L1)(m) *LONGITUD*	COUNTERWEIR (h2) *VERTEDERO DE REBOSE*	WIDTH (B2) *ANCHO*	SIDE WALL ON STILLING BASING *PARED LATERAL EN EST. AMORTIGUACION*
5.5	0.5	5.0	1.0

* FOR PROFILE OF SPILLWAY AND STILLING BASIN SEE DWG. 504832-0000-41D1-0022
PARA PERFIL DEL VERTEDERO Y DEL ESTANQUE DE AMORTIGUACION VER DIBUJO 504832-0000-41D1-0022

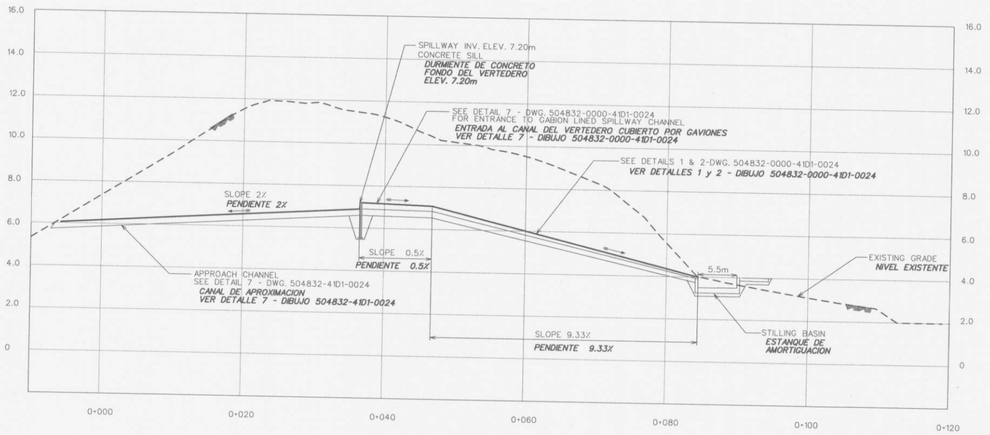
NOTES:
NOTAS:

1. ALL DIMENSIONS AND ELEVATIONS SHOWN ON THIS DRAWING ARE IN METERS.
TODAS LAS DIMENSIONES Y ELEVACIONES MOSTRADAS EN ESTE DIBUJO ESTAN EN METROS.
2. THIS DRAWING ILLUSTRATES THE SECTIONS OF THE DAM AND SPILLWAY OF SEDIMENTATION POND 6.
ESTE DIBUJO ILUSTRA LAS SECCIONES DE LA PRESA Y VERTEDERO DE LA POZA DE SEDIMENTACION 6.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANY TECHNICAL SPECIFICATIONS, DESIGNS REPORTS AND RELEVANT OTHER DOCUMENTS.
ESTE DIBUJO ES PARA SER LEIDO JUNTO CON LAS ESPECIFICACIONES TECNICAS, INFORMES DE DISERO Y OTROS DOCUMENTOS PERTINENTES.
4. THE DAM FOUNDATION IS TO BE STRIPPED OF ORGANICS AND THE REMOVAL OF UNSUITABLES MATERIALS (VARIES THICKNESS). THE EXCAVATION LIMIT WILL VARY DEPENDING ON THE FIELD FOUNDATION CONDITIONS ENCOUNTERED.
LA FUNDACION DE LA PRESA SERA LIMPIADA DE MATERIAL ORGANICO Y SE ELIMINARAN LOS MATERIALES NO ADECUADOS (ESPESOR VARIABLE). EL LIMITE DE EXCAVACION SERA VARIABLE DEPENDIENDO DE LAS CONDICIONES DE LA CIMENTACION ENCONTRADAS.
5. ALL FILL MATERIALS ARE TO BE OBTAINED FROM AN APPROVED SOURCE. 25cm OF OVERBUILD TO BE ALLOWED FOR POST CONSTRUCTION SETTLEMENT.
TODO MATERIAL DE RELLENO SERA OBTENIDO DESDE UNA FUENTE APROBADA. 25cm DE SOBRE DIMENSIONAMIENTO SERAN PERMITIDOS PARA ABSORVER ASENTAMIENTOS DESPUES DE LA CONSTRUCCION.
6. TRENCH WILL BE REQUIRED TO ACCOMMODATE THE DISCHARGE PIPE AND INTAKE STRUCTURE. THE DEPTH OF TRENCH WILL VARY FOR VARIOUS DAMS DEPENDING ON ACTUAL GROUND ELEVATION AND TO MEET THE DESIGN ELEVATIONS FOR THE INTAKE STRUCTURE.
SE REQUERIRA UNA ZANJA PARA ACOMODAR LA TUBERIA DE DESCARGA Y LA ESTRUCTURA DE TOMA. LA PROFUNDIDAD DE LA ZANJA VARIARA PARA VARIAS PRESAS DEPENDIENDO DE LA ELEVACION DEL NIVEL EXISTENTE Y CUMPLIR CON LAS ELEVACIONES DE DISERO PARA LA ESTRUCTURA DE TOMA.
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG:
504832-0000-41D1-0022
504832-0000-41D1-0023
504832-0000-41D1-0024
PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS:
504832-0000-41D1-0022
504832-0000-41D1-0023
504832-0000-41D1-0024
8. DEPTH OF CUTOFF TRENCH TO BE DETERMINATED ON SITE BY THE ENGINEER
LA PROFUNDIDAD DE LA ZANJA INTERCEPTORA SERA DETERMINADA EN SITIO POR EL INGENIERO.



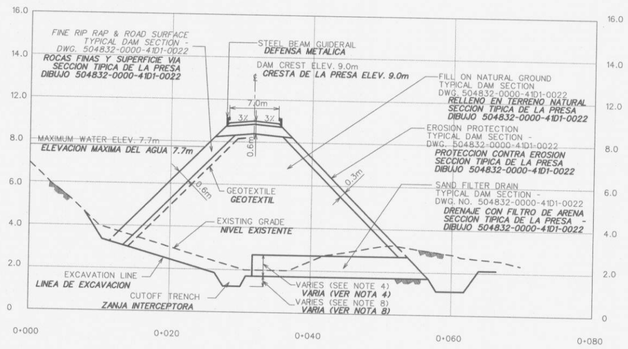
SECTION B-B (DWG. 504832-6210-41D1-0041)
PROFILE ALONG DISCHARGE PIPE
SCALE 1:300 HOR.
1:100 VERT.

SECCION B-B
PERFIL A LO LARGO DE LA TUBERIA DE DESCARGA
ESCALA 1:300 HOR.
1:100 VERT.



SECTION C-C (DWG. 504832-6210-41D1-0041)
PROFILE ALONG SPILLWAY
SCALE 1:300 HOR.
1:100 VERT.

SECCION C-C
PERFIL A LO LARGO DEL VERTEDERO
ESCALA 1:300 HOR.
1:100 VERT.



SECTION D-D (DWG. 504832-6210-41D1-0041)
SCALE 1:300 HOR.
1:100 VERT.

SECCION D-D
ESCALA 1:300 HOR.
1:100 VERT.

RELEASED FOR CONSTRUCTION

SCALE IN METERS
ESCALA EN METROS
0 5 10 15
10

JVP	DESIGNED	K. HOJKA	KH	12/02/16						
	DRAWN	W. CAPANO	WC	12/03/02						
	CHECKED	H. BABA								
	APPROVED LEAD ENG.	W. PALMER		12/04/17						
	APPROVED ENG. MAN.									
	APPROVED AREA MAN.									
	APPROVED AREA LEAD.									
CLIENT	APPROVED ENG. MAN.									
SCALE 1:300	NAME (PRINT)		INT.	DATE						

NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.
03	12/09/26	RELEASED FOR CONSTRUCTION							
02	12/08/21	GENERAL REVISION RELEASED FOR CLIENT REVIEW	WC	TF	TF	BM			
01	12/05/25	FORMAT SHEET REVISED	WC	WP	WP	BM	BM		
00	12/04/19	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			

DWG. NO.	REFERENCES
6210-41D1-0041	PORT SITE DEVELOPMENT - PORT SITE PREPARATION SEDIMENTATION POND 6 - PLAN
0000-41D1-0022	GENERAL - SITE DEVELOPMENT- SEDIMENTATION PONDS - TYPICAL DAM SECTIONS
0000-41D1-0023	GENERAL-SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DETAILS FOR INLET DISCHARGE PIPE STRUCT
0000-41D1-0024	GENERAL-SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DETAILS FOR SPILLWAYS & DISCHARGE PIPES

REPRESENTANTE LEGAL
LEGAL REPRESENTATIVE

DOCUMENTO DE INDENTIFICACIAN:
IDENTIFICATION DOCUMENT:

TITULO:
PROYECTO MINA DE COBRE PANAMA
DESAROLLO DEL SITIO DE PUERTO
PREPARACION DEL SITIO DE PUERTO
POZA DE SEDIMETACION 6 - CONTRATO C-9012A
SECCIONES

Minera Panamá

CLIENT
CLIENT DWG. NO.

ESTE PLANO ES PROPIEDAD DE JOINT VENTURE PANAMA (JVP), SU USO O REPRODUCCION ESTAN SUJETOS A LOS TERMINOS DEL CONTRATO SIMPLE DE COMPRA Y VENTA.
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Joint Venture Panama Inc.

PROFESSIONAL ENGINEER | NAME | NO.

TITLE
MINA DE COBRE PANAMA PROJECT
PORT SITE DEVELOPMENT
PORT SITE PREPARATION
SEDIMENTATION POND 6 - CONTRACT C-9012A
SECTIONS

PROJECT NO.	AREA	DISC.	DOC	DRAWING NUMBER	REVISION NUMBER
504832	6210	41	D1	0042	03

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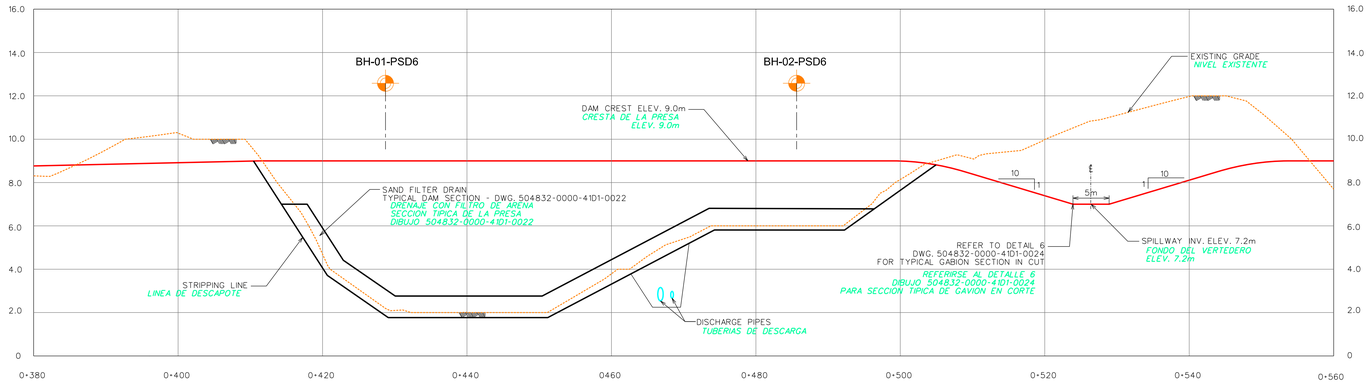


SECTION A-A (DWG. 504832-6210-41D1-0041)

LONGITUDINAL PROFILE ALONG DAM 6 CENTER LINE
SCALE 1:300 HOR.
1:100 VERT.

SECCION A-A

PERFIL LONGITUDINAL A LO LARGO DE LA LINEA CENTRAL DE LA PRESA 6
ESCALA 1:300 HOR.
1:100 VERT.

PSP 6 SPILLWAY DIMENSIONS*
*DIMENSIONES VERTEDERO PSP 6**

SPILLWAY HEIGHT (H2)(m) *ALTURA VERTEDERO*	SLOPE(m) *PENDIENTE*	GABION HEIGHT (h3)(m) *ALTURA GAVION*	WIDTH(B11(m) *ANCHO*
6.5	VARIES	0.5	7.0

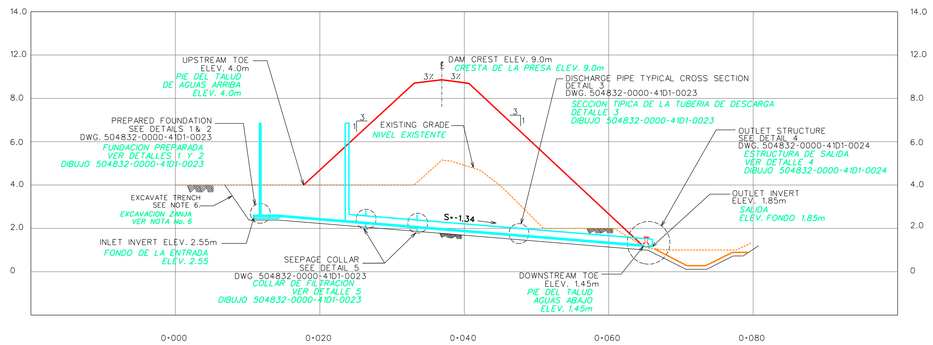
PSP 6 STILLING BASIN DIMENSIONS*
*DIMENSIONES ESTANQUE DE AMORTIGUACION PSP 6**

LENGTH (L1)(m) *LONGITUD*	COUNTERWEIR (h2) *VERTEDERO DE REBOSE*	WIDTH (B2) *ANCHO*	SIDE WALL ON STILLING BASINS *PARED LATERAL EN EST. AMORTIGUACION*
5.5	0.5	5.0	1.0

* FOR PROFILE OF SPILLWAY AND STILLING BASIN SEE DWG. 504832-0000-41D1-0022
PARA PERFIL DEL VERTEDERO Y DEL ESTANQUE DE AMORTIGUACION VER DIBUJO 504832-0000-41D1-0022

NOTES:
NOTAS:

1. ALL DIMENSIONS AND ELEVATIONS SHOWN ON THIS DRAWING ARE IN METERS.
   TODAS LAS DIMENSIONES Y ELEVACIONES MOSTRADAS EN ESTE DIBUJO ESTAN EN METROS.
2. THIS DRAWING ILLUSTRATES THE SECTIONS OF THE DAM AND SPILLWAY OF SEDIMENTATION POND 6.
   ESTE DIBUJO ILUSTRA LAS SECCIONES DE LA PRESA Y VERTEDERO DE LA POZA DE SEDIMENTACION 6.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANY TECHNICAL SPECIFICATIONS, DESIGNS REPORTS AND RELEVANT OTHER DOCUMENTS.
   ESTE DIBUJO ES PARA SER LEIDO JUNTO CON LAS ESPECIFICACIONES TECNICAS, INFORMES DE DISEÑO Y OTROS DOCUMENTOS PERTINENTES.
4. THE DAM FOUNDATION IS TO BE STRIPPED OF ORGANICS AND THE REMOVAL OF UNSUITABLES MATERIALS (VARIES THICKNESS). THE EXCAVATION LIMIT WILL VARY DEPENDING ON THE FIELD FOUNDATION CONDITIONS ENCOUNTERED.
   LA FUNDACION DE LA PRESA SERA LIMPIADA DE MATERIAL ORGANICO Y SE ELIMINARAN LOS MATERIALES NO ADECUADOS (ESPESOR VARIABLE). EL LIMITE DE EXCAVACION SERA VARIABLE DEPENDIENDO DE LAS CONDICIONES DE LA CIMENTACION ENCONTRADAS.
5. ALL FILL MATERIALS ARE TO BE OBTAINED FROM AN APPROVED SOURCE. 25cm OF OVERBUILD TO BE ALLOWED FOR POST CONSTRUCTION SETTLEMENT.
   TODO MATERIAL DE RELLENO SERA OBTENIDO DESDE UNA FUENTE APROBADA. 25cm DE SOBRE DIMENSIONAMIENTO SERAN PERMITIDOS PARA ABSORVER ASENTAMIENTOS DESPUES DE LA CONSTRUCCION.
6. TRENCH WILL BE REQUIRED TO ACCOMMODATE THE DISCHARGE PIPE AND INTAKE STRUCTURE. THE DEPTH OF TRENCH WILL VARY FOR VARIOUS DAMS DEPENDING ON ACTUAL GROUND ELEVATION AND TO MEET THE DESIGN ELEVATIONS FOR THE INTAKE STRUCTURE.
   SE REQUERIRA UNA ZANJA PARA ACOMODAR LA TUBERIA DE DESCARGA Y LA ESTRUCTURA DE TOMA. LA PROFUNDIDAD DE LA ZANJA VARIARA PARA VARIAS PRESAS DEPENDIENDO DE LA ELEVACION DEL NIVEL EXISTENTE Y CUMPLIR CON LAS ELEVACIONES DE DISEÑO PARA LA ESTRUCTURA DE TOMA.
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG:
   504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024
   PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS:
   504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024
8. DEPTH OF CUTOFF TRENCH TO BE DETERMINATED ON SITE BY THE ENGINEER
   LA PROFUNDIDAD DE LA ZANJA INTERCEPTORA SERA DETERMINADA EN SITIO POR EL INGENIERO.

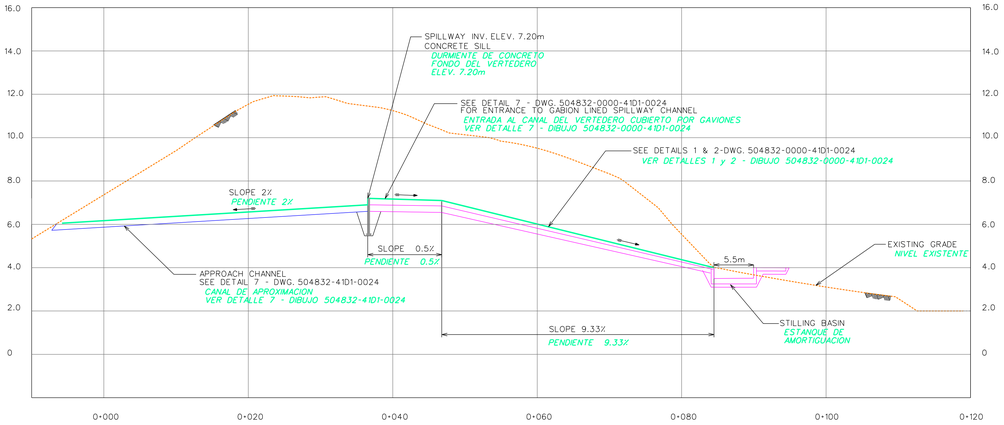


SECTION B-B (DWG. 504832-6210-41D1-0041)

PROFILE ALONG DISCHARGE PIPE
SCALE 1:300 HOR.
1:100 VERT.

SECCION B-B

PERFIL A LO LARGO DE LA TUBERIA DE DESCARGA
ESCALA 1:300 HOR.
1:100 VERT.

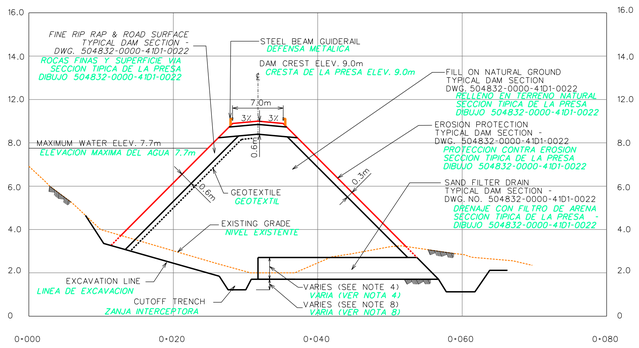


SECTION C-C (DWG. 504832-6210-41D1-0041)

PROFILE ALONG SPILLWAY
SCALE 1:300 HOR.
1:100 VERT.

SECCION C-C

PERFIL A LO LARGO DEL VERTEDERO
ESCALA 1:300 HOR.
1:100 VERT.



SECTION D-D (DWG. 504832-6210-41D1-0041)

SCALE 1:300 HOR.
1:100 VERT.

SECCION D-D

ESCALA 1:300 HOR.
1:100 VERT.

RELEASED FOR CONSTRUCTION

SCALE IN METRES
ESCALA EN METROS

0000-41D1-0024	GENERAL-SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DETAILS FOR SPILLWAYS & DISCHARGE PIPES														03	12/09/26	RELEASED FOR CONSTRUCTION											
0000-41D1-0023	GENERAL-SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DETAILS FOR INLET DISCHARGE PIPE STRUCT														02	12/08/21	GENERAL REVISION-RELEASED FOR CLIENT REVIEW	WC	TF	TF	BM						
0000-41D1-0022	GENERAL - SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DAM SECTIONS														01	12/05/25	FORMAT SHEET REVISED	WC	WP	WP	BM	BM					
6210-41D1-0041	PORT SITE DEVELOPMENT - PORT SITE PREPARATION - SEDIMENTATION POND 6 - PLAN														00	12/04/19	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM						
DWG. NO.	REFERENCES	DWG. NO.	REFERENCES	NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.	NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.	NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.

JVP

DESIGNED	K. HOJAKA	KH	12/02/16
DRAWN	W. CAPANO	WC	12/03/02
CHECKED	H. BABA		
APPROVED LEAD ENG.	W. PALMER		
APPROVED ENG. MAN.			
APPROVED AREA MAN.			
APPROVED AREA LEAD			
APPROVED ENG. MAN.			

CLIENT

SCALE 1:300

PROJECT NO.	AREA	DISC.	DOC.	DRAWING NUMBER	REVISION NUMBER
504832	6210	41	D1	0042	03

NAME (PRINT) | INT. | DATE

REPRESENTANTE LEGAL:
LEGAL REPRESENTATIVE

_____ _____
DOCUMENTO DE IDENTIFICACION:
IDENTIFICATION DOCUMENT:

TITULO
PROYECTO MINA DE COBRE PANAMA
DESAROLLO DEL SITIO DE PUERTO
PREPARACION DEL SITIO DE PUERTO
POZA DE SEDIMENTACION 6 - CONTRATO C-9012A
SECCIONES

Minera Panamá

CLIENT
CLIENT DWG. NO.

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PROFESSIONAL ENGINEER | NAME | NO.

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MINA DE COBRE PANAMA PROJECT
PORT SITE DEVELOPMENT
PORT SITE PREPARATION
SEDIMENTATION POND 6 - CONTRACT C-9012A
SECTIONS

Joint Venture Panama Inc.

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